

Projections for Planning Purposes Only -- Not to be Used without Updating
2022 Estimated Costs and Returns per Acre
Alfalfa Establishment, Center Pivot Irrigated
Far West Extension District - 6

Crop Acres		122				Enterprise
REVENUE	Quantity	Units	\$/Unit	Total		Total
Total Revenue				\$0.00		\$0.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total		Enterprise
Production Costs						
Custom						
Fertilizer						
Custom Apply Fertilizer	1	Acre	\$6.00	\$6.00		\$732.00
Fertilizer 11-52-0	38	Pound	\$0.65	\$24.70		\$3,013.40
Herbicide						
Glyphosate	2	Pint	\$2.13	\$4.25		\$518.50
Seed						
Alfalfa Seed Inoculated RR	32	Pound	\$8.50	\$272.00		\$33,184.00
Irrigation						
Energy Cost	3.04	AcreInch	\$3.91	\$11.89		\$1,450.14
Irrigation Labor	0.02	Hour	\$16.38	\$0.29		\$35.17
Machinery Labor						
Tractors/Self-Propelled	0.18	Hour	\$16.12	\$2.90		\$354.00
Diesel Fuel						
Tractors/Self-Propelled	1.79	Gallon	\$2.67	\$4.78		\$583.07
Gasoline						
Pickup/General Use Equipment	1	Acre	\$4.02	\$4.02		\$490.50
Repairs & Maintenance						
Pickup/General Use Equipment	1	Acre	\$0.80	\$0.80		\$98.10
Irrigation Equipment	1	Acre	\$8.01	\$8.01		\$977.38
Tractors/Self-Propelled	1	Acre	\$4.90	\$4.90		\$597.85
Implements	1	Acre	\$5.98	\$5.98		\$729.42
Interest on Credit Line			6.30%	\$7.48		\$912.06
Total Variable Costs				\$358.00		\$43,675.59
Planned Returns Above Variable Costs:				(\$358.00)		(\$43,675.59)
Breakeven Price to Cover Variable Costs			n/a			
FIXED COSTS	Quantity	Units	\$/Unit			Enterprise
Machinery Depreciation						
Pickup/General Use Equipment	1	Acre	\$3.02	\$3.02		\$367.88
Irrigation Equipment	1	Acre	\$45.01	\$45.01		\$5,491.76
Tractors/Self-Propelled	1	Acre	\$5.52	\$5.52		\$673.88
Implements	1	Acre	\$7.43	\$7.43		\$906.84
Equipment Investment						
Pickup/General Use Equipment	\$12.56	Dollars	6.30%	\$0.79		\$96.57
Irrigation Equipment	\$337.61	Dollars	6.30%	\$21.27		\$2,594.86
Tractors/Self-Propelled	\$42.82	Dollars	6.30%	\$2.70		\$329.09
Implements	\$31.80	Dollars	6.30%	\$2.00		\$244.39
Total Fixed Costs				\$87.75		\$10,705.27
Total Specified Costs				\$445.74		\$54,380.87
Returns Above Specified Costs				(\$445.74)		(\$54,380.87)
Breakeven Price to Cover Total Costs			n/a			

Example Breakeven Prices			
Example Yield Percent	Example Yield	To Cover Variable Costs	To Cover Total Costs
75%	0.00	\$0.00	\$0.00
90%	0.00	\$0.00	\$0.00
100%	0.00	\$0.00	\$0.00
110%	0.00	\$0.00	\$0.00
125%	0.00	\$0.00	\$0.00

Developed by Bill Thompson, Assistant Professor and Extension Economist, Texas A&M AgriLife Extension Service, 325-653-4576.

Information presented is prepared solely as a general guide and not intended to recognize or predict the costs and returns from any one operation. Brand names are mentioned only as examples and imply no endorsement.